

Appl. No.: 10/605728
Amdt. Dated: 6/15/2004
Reply to Office action of: 04/27/2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (amended) A glove box damper comprising:
 - a cam assembly comprising a cam lobe attached substantially perpendicular to a pair of mounting spindles and at least two brackets for mounting said cam assembly along the bottom edge of a glove box lid, said glove box lid mounted along its lower edge to a glove box bin allowing said glove box lid to open in a downward direction;
 - a spring assembly comprising a body having an integral spring against which said cam lobe is biased and a pair of spindle mounting slots for positioning said cam assembly, mounted on an IP instrument panel retainer;thereby providing a damping of the downward opening movement of said glove box lid.
2. (amended) A glove box damper as claimed in Claim 1, wherein said cam assembly is molded of an engineered material selected from the group ~~consisting of~~ comprising but not limited to ABS, PC/ABS, and polypropylene, ~~Norel, and combinations thereof.~~
3. (amended) A glove box damper as claimed in Claim 1, wherein said cam assembly is molded as an integral part of a said glove box lid.
4. (amended) A glove box damper as claimed in Claim 1, wherein said cam assembly is molded as a separate unit fixedly attached to a said glove box lid.
5. (original) A glove box damper as claimed in Claim 1, wherein said cam assembly cam lobe comprises a material different from the material comprising the rest of said cam assembly.

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6. (amended) A glove box damper as claimed in Claim 1, wherein said spring assembly is molded of an engineered material selected from the group ~~consisting of~~ comprising but not limited to ABS, PC/ABS, and polypropylene, ~~Norel, and combinations thereof.~~
7. (amended) A glove box damper as claimed in Claim 1, wherein said spring assembly is molded as an integral part of ~~an IP~~ said instrument panel retainer.
8. (amended) A glove box damper as claimed in Claim 1, wherein said spring assembly is molded as a separate unit fixedly attached to ~~an IP~~ said instrument panel retainer.
9. (original) A glove box damper as claimed in Claim 1, wherein said spring assembly spring comprises a material different from the material comprising the rest of said spring assembly.
10. (amended) A glove box damper as claimed in Claim 1, wherein said spring is compressed about 30% of its ~~a~~ free position when said glove box lid is in a closed position and said spring is compressed about 50% of its said free position when said glove box lid is in an open position.
11. (amended) A glove box damper comprising:
a cam assembly comprising a cam lobe attached substantially perpendicular to a pair of mounting spindles and at least two brackets for mounting said cam assembly along the bottom edge of a glove box lid, said glove box lid mounted along its lower edge to a glove box bin allowing said glove box lid to open in a downward direction;
a spring assembly comprising a body having an integral spring against which said cam lobe is biased and having a shape stopping the travel of the cam lobe at a desired point, and a pair of spindle mounting slots for positioning said cam assembly, mounted on an instrument panel IP retainer;
thereby providing a damping of the downward opening movement of said glove box lid as well as a desired amount of travel of said glove box lid.

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12. (amended) A glove box damper as claimed in Claim 11, wherein said cam assembly is molded of an engineered material selected from the group ~~consisting of~~ comprising but not limited to ABS, PC/ABS, and polypropylene, ~~Norel, and combinations thereof.~~
13. (amended) A glove box damper as claimed in Claim 11, wherein said cam assembly is molded as an integral part of a said glove box lid.
14. (amended) A glove box damper as claimed in Claim 11, wherein said cam assembly is molded as a separate unit fixedly attached to a said glove box lid.
15. (original) A glove box damper as claimed in Claim 11, wherein said cam assembly cam lobe comprises a material different from the material comprising the rest of said cam assembly.
16. (amended) A glove box damper as claimed in Claim 11, wherein said spring assembly is molded of an engineered material selected from the group ~~consisting of~~ comprising but not limited to ABS, PC/ABS, and polypropylene, ~~Norel, and combinations thereof.~~
17. (amended) A glove box damper as claimed in Claim 11, wherein said spring assembly is molded as an integral part of an said instrument panel ~~IP~~ retainer.
18. (amended) A glove box damper as claimed in Claim 11, wherein said spring assembly is molded as a separate unit fixedly attached to an said instrument panel ~~IP~~ retainer.
19. (original) A glove box damper as claimed in Claim 11, wherein said spring assembly spring comprises a material different from the material comprising the rest of said spring assembly.

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20. (amended) A glove box damper as claimed in Claim 11, wherein said spring is compressed about 30% of ~~its~~ a free position when said glove box lid is in a closed position and said spring is compressed about 50% of its said free position when said glove box lid is in an open position.